

(203) WATER FUND - PLANT															
2018															
City of Canandaigua - Capital Plan						Budget	BUDGET AMENDMENTS	FINAL BUDGET	2018 Projection	2019	2020	2021	2022	2023	2024
FUNDING	Yr. Built	COST		INFRASTRUCTURE / EQUIPMENT											
				Land											
	7/1/1979	40,736		WATER PLANT LAND											
				BUILDINGS AND TANKS											
RESERVE	7/1/1972	244,098		WATER STORAGE TANK - 405 NORTH MAIN ST (3,000,000 GALLONS)											
RESERVE	12/31/1978	105,000		HOUSE - 3768 WEST LAKE RD											
RESERVE	7/1/1979	5,000,000		WATER TREATMENT PLANT - 3772 WEST LAKE RD (40,000 SQ FT)											
				WATER PUMP STATION - 3772 WEST LAKE RD (7,000 SQ FT)											
RESERVE	12/31/2008	2,868,860		WATER STORAGE TANK-									10,000		
RESERVE	12/15/2010	2,978,343		WATER STORAGE TANK											
RESERVE				DIVE 3 WATER TANKS (EVERY 5-10 YRS)		-		-							
RESERVE				TIE IN UP TANK PIPES - CONSTRUCTION						120,000					
		11,196,301													
				BUILDING/LAND IMPROVMENTS											
RESERVE	12/31/1999	13,386		NEW WINDOWS											
RESERVE	6/30/2004	42,659		ROOF REPARIS											
RESERVE	7/31/2005	33,824		SAFETY IMPROVEMENTS											
RESERVE		2,150		HVAC & WINDOWS & LEDS ENGINEERING (Encumbrance)		-		-							
RESERVE				HEATING SYSTEM UPGRADE & NEW WINDOWS						80,000					
RESERVE				NEW LED LIGHTING						60,000					
RESERVE				WATER PLANT HOUSE IMPROVEMENTS									25,000		
RESERVE	Encumbrance			ROADWAY TO TANKS - STONE & OIL		-									
RESERVE				PARKING LOT RESURFACING		-					65,000				
RESERVE				REROOF PUMP HOUSE									-	60,000	
RESERVE				PROCESS BLDG ROOF									60,000		
RESERVE				BARN ROOF & REPAIRS									-		
				PLANT SECURITY UPGRADES						30,000					
				WIRING CLEAN UP & MAPPING						60,000					
Encumbrance		92,019		ENCUMBRANCE											
				VEHICLES											
RESERVE	4/18/2011	11,810		FORKLIFT											
RESERVE	8/7/2014	28,546		TRUCK & PLOW										35,000	
RESERVE		40,356													
				COMPUTERS AND SOFTWARE											
RESERVE	12/31/2007	39,231		SCADA SYSTEM											
RESERVE				NEW WINCC SOFTWARE						15,000					
		39,231													
				EQUIPMENT											
RESERVE	12/31/1981	10,233		INGERSALL RAND AIR COMPRESSOR											
RESERVE	12/31/1999	27,365		PACIFIC PARTICLE ANAYZER											
RESERVE	2/19/2001	5,535		POWER DRIVE SCALES W/INDICATOR											
RESERVE	11/30/2006	11,507		PORTABLE AIR COMPRESSOR											
RESERVE				NEW GENERATOR								150,000			
RESERVE				NEW RIDING LAWN MOWER										10,000	
				PUMPS/DRIVES											
RESERVE		54,842	1	RAW WATER #1 PUMP AND MOTOR		-	-	-			-				
RESERVE		28,143	2	RAW WATER #2 PUMP AND MOTOR											
RESERVE			3	RAW WATER #3 PUMP AND MOTOR											
RESERVE		4,250	4	HIGH LIFT PUMP #4 MOTOR		-		-							
RESERVE			4	HIGH LIFT PUMP #4 PUMP											
RESERVE		28,143	5	HIGH LIFT PUMP #5 PUMP & MOTOR								-			
RESERVE			6	HIGH LIFT PUMP #6 MOTOR											
RESERVE			6	HIGH LIFT PUMP #6								-			
RESERVE				RAW AND HIGH LIFT MOTORS											
RESERVE				CHEMICAL FEED PUMPS									25,000		
RESERVE	12/1/2009	11,663		VARIABLE FREQUENCY DRIVES								30,000			
				OTHER PLANT IMPROVEMENTS											
				SOFT STARTS-HIGH LIFTS							-				
				METERS											
RESERVE	12/31/2002	5,368		KROHNE MAGNETIC INDUCTIVE FLOW METER W/SIGNAL CONVERTER											
RESERVE	11/1/2010	10,420		ULTRASONIC FLOW METER											
RESERVE	2/15/2013	13,510		TURBIMETERS											
RESERVE				BACK WASH FLOW METERS									35,000		
RESERVE				20" & 30" LINE MAGMETERS							35,000			-	
RESERVE				RAW WATER MAG METER											
RESERVE				NEW LOH METERS										30,000	
				VALVES/GATES/TANKS				-							
RESERVE	12/1/2009	27,680		MAJOR VALVES				-							
RESERVE				FEV & FIV VALVES				-			60,000				

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FUNDING	Yr. Built	COST		INFRASTRUCTURE / EQUIPMENT											
RESERVE				GATE VALVES, LEADING INTO BASINS				-			-	15,000			
RESERVE				BACHWASH ROSS VALVES				-				40,000	-		
RESERVE	1/21/2014	208,355		4 FILTERS-ALL NEW MEDIA-MATERIAL				-							
RESERVE	10/1/2014	36,595		BACKFLOW PREVENTER REPLACMENT				-							
RESERVE				DECANT TANK PIPING		40,000.00	24,657.00	84,657	84,657.00	-					
RESERVE				DECANT MODIFICATION-ENGINEERING		20,000.00									
RESERVE				MOTOR ACTUATORS				-			30,000				
				ENGINEERING-Other				-							
RESERVE				16" & 20" TIE TOGETHER		30,000.00	-	30,000	30,000.00						
RESERVE				PLANT EXPANSION PLANNING				-							
RESERVE				ENGINEERING - GRANTS						30,000.00	-				
				CONTAINMENTS				-							
RESERVE	5/30/2008	18,310		CHORINE SYSTEM CABINETS				-							
RESERVE		12,500		SEAL FLUORIDE SECONDARY CONTAINMENTS				-							
RESERVE	2016-044	28,900		ALTERNATIVE CHLORINE SYSTEM ENGINEERING	Labella-16-5898	-	1,800.00	158,072	158,071.00						
RESERVE	2017-141	12,500		ALTERNATIVE CHLORINE SYSTEM INSTALLATION	Labella-17-9360	-	-		-						
RESERVE	2017-105	5,925		ALTERNATIVE CHLORINE SYSTEM INSTALLATION	Labella-17-8937	-	5,450.00		-						
RESERVE	2017-090	153,215		ALTERNATIVE CHLORINE SYSTEM INSTALLATION	Empire-17-8856	-	145,701.52		-						
RESERVE		5,665		ALTERNATIVE CHLORINE SYSTEM INSTALLATION	Power Flo-17-8579	-	5,120.00		-						
RESERVE				2017 UNDERBUDGET CHORINE PROJECT		-	-	-							
RESERVE				SEAL CAUSTIC 2ND CONTAINMENT										15,000	
RESERVE				CARBON Feeder											
				OTHER EQUIPMENT											
RESERVE		10,800		UPDATE BREAKER BOXES PROC. BLDG											
RESERVE				UPGRADE PIPE FASTNERS						15,000	-				
RESERVE				NEW PLC & 505 CARDS, RACK & P. SUPPLY											
RESERVE				ELECTRICAL REPLACEMENT-Engineering			-								
RESERVE				HIGH LIFT & MAIN BREAKERS, SWITCH GEAR-Construction		196,000.00	(6,467)	189,533	189,533.00						
RESERVE				CHAIN & SPROCKETS, SLUDGE SCRAPPER						-	150,000				
RESERVE				NEW FLOCCULATOR PADDLES & CHAIN						-		35,000			
RESERVE				NEW SETTLING TUBES											
				NEW PARCOS							33,000				
RESERVE				BACKWASH TANK ROSS VALVE								-		-	
RESERVE				BASIN TO SLUDGE DRAIN PIPE									25,000		-
RESERVE				EXTEND RAW WATER INTAKES											
RESERVE				PLANT PIPING										50,000	-
RESERVE				PAC & CAUSTIC BULK TANKS											100,000
RESERVE				RAW & HIGH LIFT CANS											100,000
RESERVE				BULK FLUORIDE TANKS											
RESERVE				FILTER SEALING & MAINTENANCE											
RESERVE				NEW HATCHES									15,000		
RESERVE				AIR SCOUR									75,000		
RESERVE				EXTERIOR FILTER EVANESCENCE & SEALING											
		731,424													
	2002	100,935		ENERGY CONSERVATION											
		12,241,002		TOTAL		286,000	176,261.52	462,261.52	462,261.00	410,000	373,000	295,000	245,000	200,000	200,000
				Beginning Reserve Balance		540,079.29	504,779.29	540,079.29	540,079.29	329,018.29	169,518.29	47,018.29	2,018.29	7,018.29	57,318.29
				Interfund Transfers from Water Fund		250,000.00		250,000.00	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00
				Interfund Transfers from Town		-		-	-	-	-	-	-	-	-
				RESERVE		(286,000.00)	(176,261.52)	(462,261.52)	(462,261.00)	(410,000.00)	(373,000.00)	(295,000.00)	(245,000.00)	(200,000.00)	(200,000.00)
				Other Revenue											
				Interest Income		700.00		500.00	1,200.00	500.00	500.00	-	-	300.00	500.00
				Ending Reserve Balance		504,779.29	328,517.77	328,317.77	329,018.29	169,518.29	47,018.29	2,018.29	7,018.29	57,318.29	107,818.29

						(201) WATER FUND - DISTRIBUTION										
						2018										
City of Canandaigua - Capital Plan						Budget	BUDGET AMENDMENTS	FINAL BUDGET	2018 Projection	2019	2020	2021	2022	2023	2024	
DONATED		2003	67,893.00	WATER MAINS-NORTH STREET						650,000.00						
		2004	166,380.00	WATER MAINS-PHELPS, SALTONSTALL, HIGHLAND TERRACE, LAKESHORE DR												
		2004	25,877.00	WATER MAINS-NORTH STREET												
		2004	29,097.00	WATER MAINS-NORTH STREET												
		2007	63,400.00	WATER MAINS-COVINGTON PLACE												
RESERVE		2007	126,294.37	WATER MAINS-ACADEMY/SCOTLAND RD												
		2008	209,650.00	WATER MAINS-PROSPECT STREET												
		2008	220,248.00	WATER MAINS-WEST AVE												
		2008	8,736.00	WATER MAINS-ACADEMY/SCOTLAND RD												
		2009	21,889.72	WATER MAINS-NORTHEAST PARK BUILDING												
BOND		2010	369,003.17	WATER MAINS-NORTH ROAD												
		2012	614,925.91	WATER MAINS-BRISTOL, CHAPIN CHARLOTTE												
BOND		WIP	319,430.96	WATER MAINS						650,000.00				650,000.00		
BOND		EXP	5,939.33	WATER MAINS-BOND ADMIN COSTS												
RESERVE		13-9387		WATER MAIN ENGINEERING ENC			22,125.00	22,125.00	22,125.00							
RESERVE	2017-106		14,492.00	2017 WATER MAIN REPLACEMENT-Engineering	Chatfield 17-8940	-	3,356.00	160,001.27	160,001.27	300,000.00						
RESERVE	2017-106		165,844.73	2017 WATER MAIN REPLACEMENT-CONSTRUCTION	Nardozzi 17-8939	-	156,645.27					100,000.00			100,000.00	
RESERVE	2017-106		1,316.00	2017 WATER MAIN REPLACEMENT-CONTINGENCY		-	-	-	-							
RESERVE				2017 WATER MAIN REPLACEMENT-BUDGET RESULTS		-	-	-	-							
			10,201,534.46	Sub-Total												
EASEMENTS																
RESERVE		2002	147,888.00	EASEMENTS		-			-	-	-	-	-	-	-	
			5,335.00	EASEMENT-NYS MARINE PARK												
			153,223.00													
			11,852,258.75	TOTAL		225,000.00	182,126.27	407,126.27	208,626.27	1,169,800.00	112,500.00	212,500.00	28,000.00	750,000.00	138,000.00	